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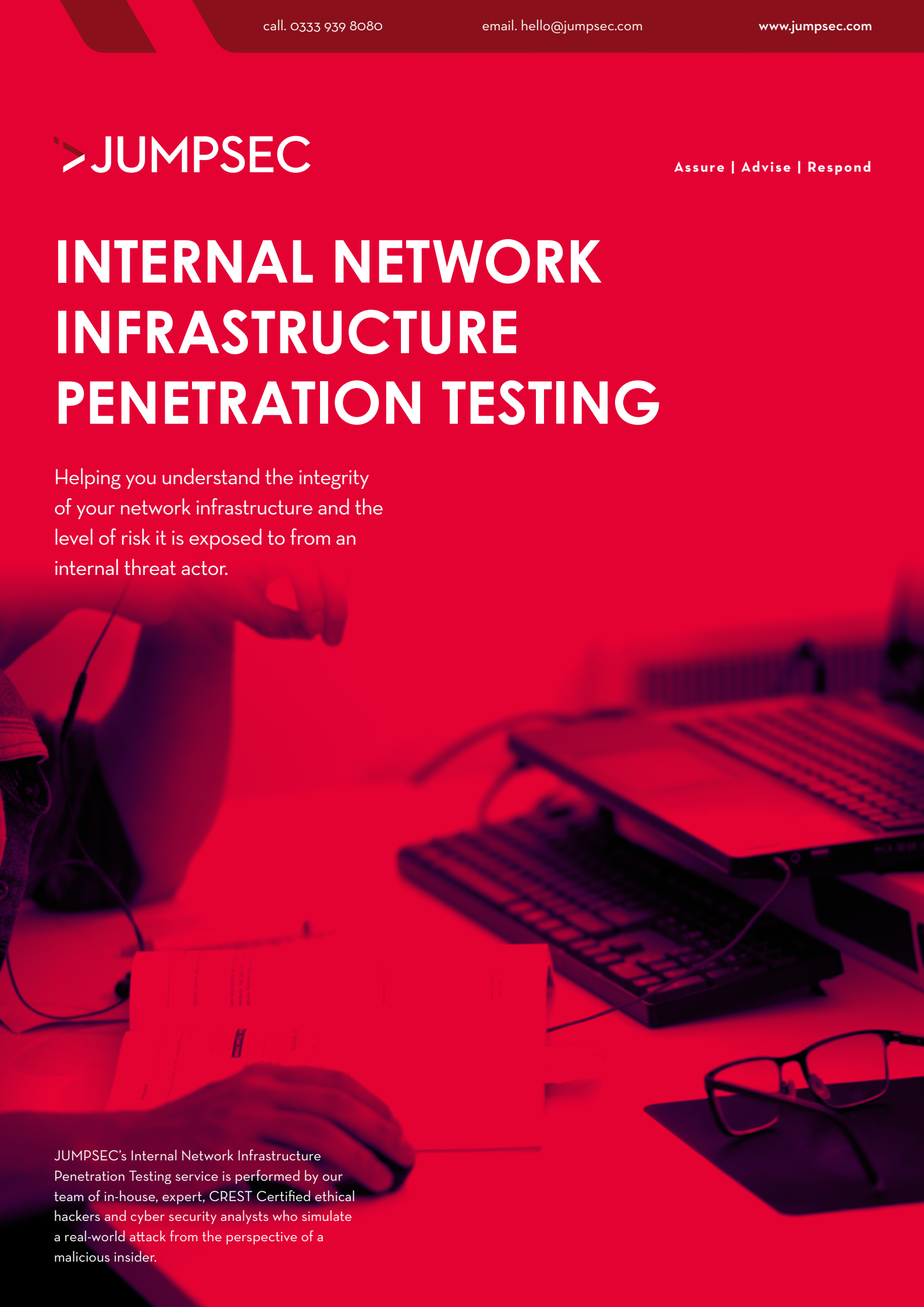
JUMPSEC

Assure | Advise | Respond

INTERNAL NETWORK INFRASTRUCTURE PENETRATION TESTING

Helping you understand the integrity of your network infrastructure and the level of risk it is exposed to from an internal threat actor.



JUMPSEC's Internal Network Infrastructure Penetration Testing service is performed by our team of in-house, expert, CREST Certified ethical hackers and cyber security analysts who simulate a real-world attack from the perspective of a malicious insider.

Who needs Internal Network Infrastructure Penetration Testing?

Historically organisations have focused on securing themselves from an external cyber threat, however the risk of an internal attack and the relevant measures necessary to secure against it have become equally important. Unfortunately, while the probability and frequency of internal attacks are lower the impact can be far higher.

Sources of internal attacks may include disgruntled, malicious or negligent employees, contractors and external visitors as well as the threat from industrial espionage and cyber-crime perpetrating advanced, persistent and highly targeted attacks.

Our Internal Network Infrastructure Penetration Testing is performed as an individual with some access to your network so that you can understand the risk, nature of threats posed, and potential impact of an internal attack. We will advise you of the relevant security measures you can deploy to protect the confidentiality, integrity and availability of your information, data, assets and employees.

Penetration Testing can be used to establish your baseline security position and then help to inform a relevant road map to balance your risk appetite with your desired level of security. It can also be used as part of an ongoing structured program of security assurance activities to ensure an appropriate level of cyber resilience.

What are the benefits of Internal Network Infrastructure Testing?

- **Management of risk though visibility of vulnerabilities**
  Internal Network Infrastructure Penetration Tests provide you with a clear point in time view of what exploitable vulnerabilities you have, so you know what risks you are exposed to and can decide what action to take.
- **Strengthen your security posture**
  Our reports provide you with recommendations on how to remediate any vulnerabilities according to their severity and potential impact to your organisation, so you can decide on how to harden your position based on your appetite to risk.
- **Confidence that your security meets your compliance needs**
  Penetration Tests are often the first step towards industry standards or regulatory requirements. We can work with you to determine the level of information security due diligence your organisation needs to ensure you meet compliance.
- **Complex technical risk translated into business terms**
  Our penetration testing team take the time to understand your business and where possible present technical risks in terms that are relevant to you in context. This will further assist you when it comes to designing any remediation plans or prioritising vulnerabilities identified in the course of testing.

What makes up Internal Network Infrastructure Penetration Testing?

In house expert team
By understanding the hacker mindset, objectives, strategies and techniques our expert ethical hackers and security researchers ensure simulation of real-world attacks, but in a safe non-disruptive way.

State of the art tools and techniques
Our team uses the latest techniques combined with state-of-the-art toolsets drawing from commercial, open source and our own in-house developed tools. We constantly evolve our methodology to ensure the most up to date tools and techniques are employed.

Comprehensive and tailored
We cover the full range of technologies available and conduct a wide variety of Penetration Tests depending on your environment and needs. We tailor our Penetration Tests to your organisation's needs, risk profile and budget. Our Penetration Testing services are extensive, and we can combine Internal Network Infrastructure Penetration Testing with:

- External Network Infrastructure Penetration Testing (performed as an attack from the internet)
- Website Penetration Testing
- Web Application Penetration Testing
- Application Penetration Testing
- Mobile Penetration Testing
- Wireless and Wi-Fi Penetration Testing
- Physical Penetration Testing
- Phishing Assessment

Rigorous analysis and reporting
Our experts provide you with comprehensive reports with evidential support detailing any vulnerability found and will give you recommendations for remediation.

Accredited standards
JUMPSEC is CREST approved and our expert team are CREST Certified. Our Penetration Testing methodologies are extensive and drawn from CREST, OSSTMM (Open Source Security Testing Methodology Manual), and OWASP (Open Web Application Security Project) and designed to offer our clients maximum assurance whilst ensuring that testing does not disturb your ongoing operations.

Continuous Expert Support
We love what we do, and we are just a phone call away. When you take our Penetration Testing services you receive continuous expert support backed by rigorous processes and procedures. You can contact us at any time for any security related questions.

Why JUMPSEC Internal Network Infrastructure Penetration Testing?

JUMPSEC have been helping organisations overcome the continuously evolving cyber threat landscape since 2012. We know the cyber security landscape like no other because of our combined experience, passion for knowledge, and research driven approach. We are proud to have created a continuously improving cycle of people, technology and threat intelligence to help us stay at the forefront of cyber security. Our Penetration Testing service benefits from this continuous improvement and will help you defend against real world cyber-attacks.

To learn more about JUMPSEC's services please feel free to get in touch

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